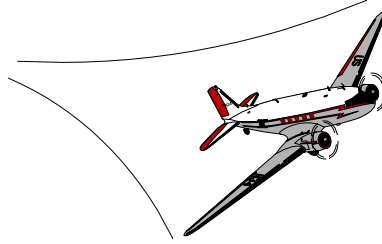


SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service
Washington, DC



U.S. Department
of Transportation

**Federal Aviation
Administration**

NE-04-51
February 12, 2004

www.faa.gov/certification/aircraft

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin alerts you, owners, operators, and repair facilities of **Pratt & Whitney JT3D, JT9D, and JTF10/TF30 series engines** and Principal Maintenance Inspectors in the FAA FSDOs, of fraudulent turbine parts. An inflight shutdown can potentially occur if you install the suspect parts.

JT3D Engines

Part Number	Description
565752CL12	Vane

JT9D Engines

Part Number	Description
770902	2 nd Stage HPT Blade
808602	2 nd Stage HPT Blade
753702	2 nd Stage HPT Blade
770102	2 nd Stage HPT Blade
820353	1 st Stage HPT Baffle and Blade set
810571CL29	1 st Stage HPT Stator Vane Assembly
794782CL21	2 nd Stage HPT Stator Vane Assembly
794782CL24	2 nd Stage HPT Stator Vane Assembly
808792CL24	2 nd Stage HPT Stator Vane Assembly

JTF10/TF30 Engines

Part Number	Description
667451CL23	Vane turbine nozzle
667451CL24	Vane turbine nozzle
667451CL28	Vane turbine nozzle

Background

The FAA and the Defense Criminal Investigative Service conducted a joint suspected unapproved parts investigation, which revealed that United Aircraft and Electronics (UAE), 1140 N. Kraemer Avenue, Suite H, Anaheim, CA 92806, **falsified documents associated with aircraft parts**, including many JT3D and JT9D turbine blades and vanes.

Beginning January 2000, UAE purchased surplus and used parts, including parts already determined to be scrap, **machined them to appear new, and sold them as new parts**. In some cases, they changed the part number marking. UAE packaged these parts to look like they came from Pratt & Whitney and included forged certificates of conformance, invoices, and airworthiness approval forms (form 8130-3).

We've included a list of part numbers discovered at the UAE shop. Evidence indicates that these are only some of the parts that UAE may have sold with falsified documentation. Therefore, **you should consider all parts purchased from UAE suspect**. Many of these parts were shipped to third-party suppliers, so it might not be immediately obvious to owners and operators which parts originated from UAE.

This information was published in FAA Unapproved Parts Notification (UPN) No. 2002-00006, dated January 8, 2004. The UPN is available from the internet at www.faa.gov/avr/sups/upn.cfm or contact the office of responsibility at (703) 668-3720 or fax (703) 481-3002.

Recommendations

Regulations require that type-certificated products conform to their type design. We do not require, but **highly recommend** that engine owners, operators, repair facilities, and parts suppliers and distributors do the following:

- Inspect your engines, maintenance records, and/or parts inventories for any parts purchased from UAE or parts with documents signed by Amanullah Khan (aka Wali Merchant), Ziad Jamil Gammoh, or Oscar Munoz.
- **You should consider all parts purchased from UAE suspect and quarantined to prevent installation until a determination can be made regarding each part's eligibility for installation.**
- You should report any findings immediately to the contact address below. We will use the data in determining any fleet management plan and regulatory corrective action. In the report, please include as much of the following data as possible: part number, serial number, total hours and cycles since installation, where the part was purchased, and number of affected engines on the airplane.

For Further Information Contact

Keith Lardie, FAA Engine and Propeller Directorate, Engine Certification Office, ANE-142, 12 New England Executive Park, Burlington, MA 01803-5299; phone: (781) 238-7189; email: keith.lardie@faa.gov